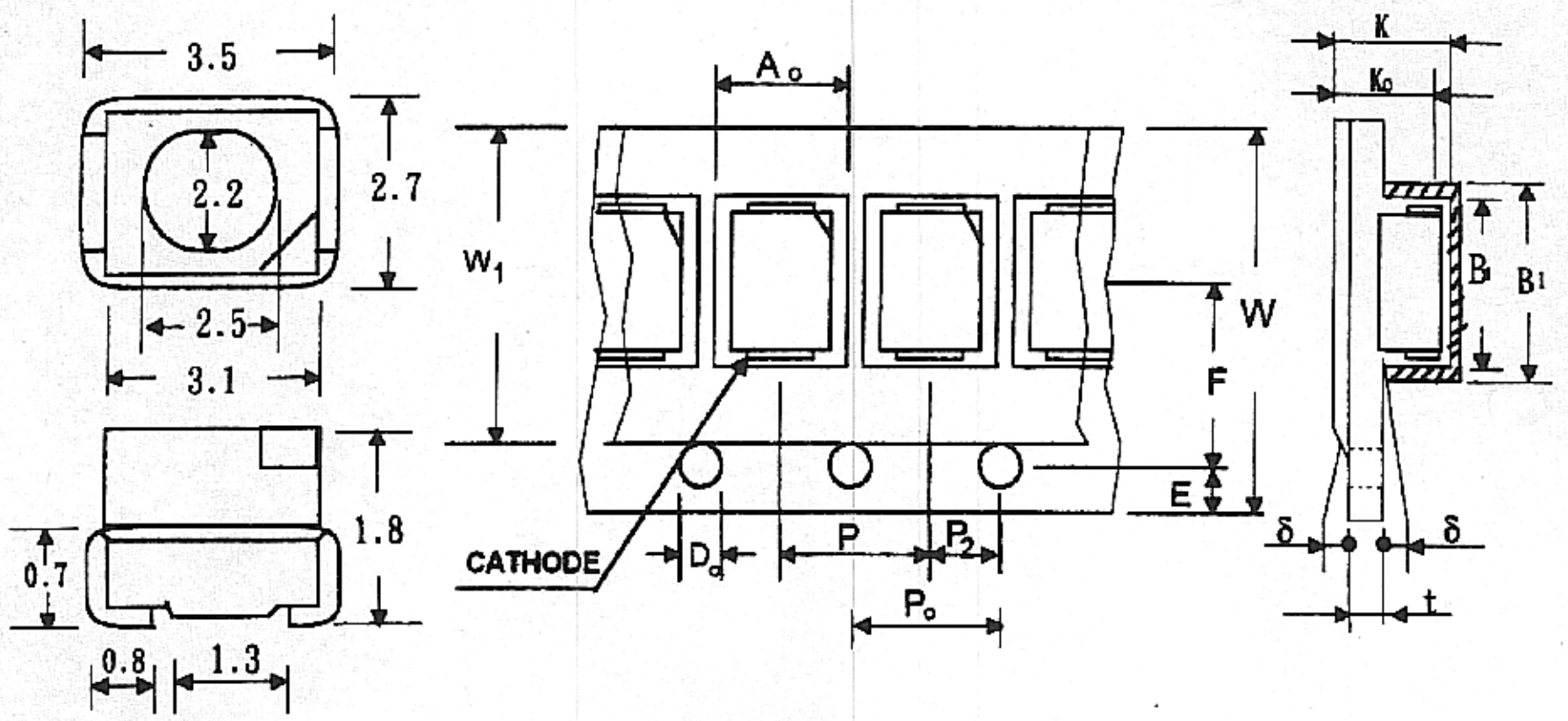
P/N 150906

LIGITEK

SURFACE MOUNT FOR SUPER BRIGHT LED TYPE **LVX9553/TR1** SERIES

Package Dimension



Note. All Dimension Are In Millimeter Tolerance Is ±0.25mm unless otherwise noted.

• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LSR9553/TR1	GaAlAs	Red	Water Clear	660	20	1.5	2.4	5.0	7.0	84
LHR9553/TR1	GaAlAs	Red	Water Clear	660	20	1.5	2.4	6.0	10	84
LUR9553/TR1	GaAlAs	Red	Water Clear	660	20	1.5	2.4	16	30	84

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED									UNIT	REMARK
	SR	*HR*	*UR*								
Forward Current	40	40	40							mA	
Peak Current Duty 1/10 @1Khz	200	200	200							mA	
Power Dissipation	80									mW	
Reverse Current @5V	10									μA	
Operating Temperature	-40°C TO +85°C										
Storage Temperature	-40°C TO +100°C										
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)											

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